

ARRA and EECBG Programs

American Recovery & Reinvestment Act (ARRA)

The city has received ARRA funding for a number of sustainability projects, including energy projects, community programs and transit projects.

- 17 solar covered parking structures (at various locations around the city)
- Streetlight replacement
- Community programs including Green Chips and HomeFree Nevada

HomeFree Nevada

- Is the only home performance with ENERGY STAR® program in Nevada.
- Improves the energy efficiency, comfort, health, safety and durability of homes.
- Can utilize the city's Green Building Program incentives to pay for retrofits.
- Has had more than 200 homeowners participate in the program (February 2010).

Green Chips

- A public-private nonprofit organization that partners with the city.
- Utilizes the Energy Efficiency and Conservation Block Grant (EECBG) funds for a revolving loan fund to perform retrofits for homeowners.
- Sells green poker chips to raise money to fund additional projects.
- Had its first projects, which included:
 - Retrofits to the Shade Tree shelter
 - Retrofitting 10 low-income homes with Rebuilding Together Southern Nevada

Green Council

- Assists the city with the implementation of the American Institute of Architects (AIA) Blueprint for Nevada.
- Recommended many of the revisions to the city's Green Building Program.
- Is helping to implement the city's Sustainable Energy Strategy.
- Is working with city staff to update the zoning code (Title 19).
- Is diverse with engineers, architects, developers, academics and city staff.

Green Building Program

- Offers improved incentives for residential and commercial construction.
- Provides new incentives for retrofitting homes and commercial structures.
- Includes expedited plans check and rebates for building permits and Leadership in Energy and Environmental Design (LEED®) certification. To participate, projects are required to follow one of the following programs: LEED®, the Southern Nevada Green Building Partnership, Green Globes, NV Energy's Energy Plus, New Homes program, SNWA's Water Smart Homes Program, NV Energy's Sure Bet program or HomeFree Nevada.



Las Vegas City Council

Mayor Oscar B. Goodman
Mayor Pro Tem Gary Reese, Ward 3
Councilman Steve Wolfson, Ward 2
Councilwoman Lois Tarkanian, Ward 1
Councilman Steven D. Ross, Ward 6
Councilman Ricki Y. Barlow, Ward 5
Councilman Stavros S. Anthony, Ward 4

City Manager Elizabeth N. Fretwell

Deputy City Manager Orlando Sanchez
Deputy City Manager James R. Nichols

Chief Urban Redevelopment Officer
Scott D. Adams

City of Las Vegas
Administrative Services
Office of Sustainability
400 Stewart Ave.
Las Vegas, NV 89101
(702) 229-2397



For more information

Name: _____

E-Mail: _____

Organization: _____

Address: _____

Phone: _____

Preferred contact method: _____

I am interested in more information about the city's: (check all that apply)

- ☐ Green Building Program
- ☐ CELEBRATE Program
- ☐ ARRA & EECBG Funding
- ☐ Green Chips
- ☐ HomeFree Nevada
- ☐ Recycling in Southern Nevada

Please detach and mail to:

City of Las Vegas
Administrative Services
Office of Sustainability
400 Stewart Ave.
Las Vegas, Nev. 89101

or
E-mail: Sustaininglasvegas@lasvegasnevada.gov

Background

Starting in 2005, with Mayor Oscar B. Goodman signing the U.S. Mayor's Climate Protection Agreement, the city of Las Vegas began implementing new programs and policies designed to meet the needs of the present without compromising the ability of future generations to meet their needs.

- August 2006 - Climate Protection Resolution
- October 2006 - Green Building Resolution
- July 2007 - City Manager's Sustainability Policy
- August 2007 - Joint Planning Commission & City Council Workshop on Sustainability
- January 2008 - Launch Sustaining Las Vegas Web site
- May 2008 - Urban Forestry Resolution
- May 2008 - Green Council
- September 2008 - Sustainable Energy Strategy
- February 2009 - ARRA & EECBG Announcement
- August 2009 - Green Building Program 2.0
- August 2009 - Green Chips & HomeFree

Sustainable Agenda 2010

Renewable Energy

- 17 Solar Carports (funded by EECBG).
 - Install first nine solar carports during 2010
 - Total generation (all 17) one megawatt of new renewable energy
- Three Megawatt Solar Installation at the Water Pollution Control Facility.
 - Will generate nearly 1/3 of the total energy consumption

Energy Conservation

- Streetlight retrofit - 24,300 streetlights (funded by EECBG & Qualified Energy Conservation Bond (QECB).
 - Saving \$694,000 annually (electricity)
 - Saving \$141,000 annually (maintenance)
 - Reduce power consumption by 68 percent for 1,300 mercury vapor lights
 - Finish retrofitting 7,500 lights by end of 2010
- Perform energy audits on 17 of the highest energy consuming city facilities that utilize most energy.
 - Begin retrofit process to lower energy consumption

Urban Forestry Initiative

- Publish report - city inventory (Wards 1,3 and 5).

Calculating your carbon footprint

The city is reducing its carbon footprint through the implementation of the Sustainable Energy Strategy. To assist homeowners and businesses with calculating their carbon footprint, the Environmental Protection Agency (EPA) has assembled emission calculators. The first step is to visit the EPA's Web site listed below. Homeowners need their current utility bills and about 15 minutes to calculate their footprint. After calculating the footprint, look over the EPA's strategies to reduce energy and water consumption, which helps to reduce the carbon footprint of your home or business.

- Homes
www.epa.gov/climatechange/emissions/ind_calculator.html
- Business
www.epa.gov/climateleaders/joinus/index.html

To watch video, download copies of resolutions or to find out the most up-to-date information about the city's Sustainability Initiative, please visit

www.lasvegasnevada.gov/sustaininglasvegas